			OMMERCE PATENT AND TRADEMAR	K OFFICE	ATTORNEY'S DOCKET NUMBER							
P(REV	7. 11-200	») FRANSMITTAL LETTEI	PU020105									
D		GNATED/ELECTED OF	U.S. APPLICATION NO. (IF KNOWN, SEE 3	7 CFR								
		A FILING UNI	10/510535									
		ATIONAL APPLICATION NO.	PRIORITY DATE CLAIMED									
PCT/US03/08525 20-MAR-2003 (20.03.2003) 08.04.2002 TITLE OF INVENTION												
APPARATUS AND METHOD FOR DATA CACHING TO REDUCE CHANNEL CHANGE DELAY												
APPLICANT(S) FOR DO/FO/LIS												
APPLICANT(S) FOR DO/EO/US ROBERT VINCENT KRAKORA; DANIEL RICHARD SCHNEIDEWEND; THOMAS HERBERT JONES												
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:												
1.	\boxtimes	This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.										
2.		This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.										
3.	⊠ (This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.										
4.	☐ The US has been elected by the expiration of 19 months from the priority date (Article 31).											
5.	⊠	A copy of the International Application as filed (35 U.S.C. 371 (c) (2)) a. is attached hereto (required only if not communicated by the International Bureau).										
		b. 🖾 has been communicated by the International Bureau.										
		c. is not required, as the application was filed in the United States Receiving Office (RO/US).										
6.		An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. is attached hereto.										
		b. has been previously submitted under 35 U.S.C. 154(d)(4).										
7.	M		ed only if not communicated by t									
		b. have been communicated by the International Bureau. c. have not been made; however, the time limit for making such amendments has NOT expired.										
8.		d. An English language translation of th	ill not be made. e amendments to the claims unde	PCT Article 19 (35 U	J.S.C. 371(c)(3)).							
9. 10.	×	An oath or declaration of the inventor An English language translation of th	(s) (35 U.S.C. 371 (c)(4)).									
		Article 36 (35 U.S.C. 371 (c)(5)).			Report under FC F							
11. 12.	\boxtimes	A copy of the International Prelimina A copy of the International Search Re		A/409).								
Iter	ns 13	to 20 below concern document(s) or i	nformation included:		·							
13. 14.	X X	An Information Disclosure Statement An assignment document for recording	under 37 CFR 1.97 and 1.98. Ig. A separate cover sheet in compared to the com	liance with 37 CFR 3.	.28 and 3.31 is included.							
15. 16.	\boxtimes	A FIRST preliminary amendment. A SECOND or SUBSEQUENT prel										
17.		A substitute specification.										
18. 19.		A change of power of attorney and/or A computer-readable form of the sequ	ience listing in accordance with F		5 U.S.C. 1.821 - 1.825.							
20. 21.	_	A second copy of the published interr A second copy of the English language			J.S.C. 154(d)(4). 21.							
22.	⊠ ⊠	Certificate of Mailing by Express Ma Other items or information:										
23.		Return Postcard Receipt	77. 46.502000 Y.G	D. T. OF	Deposite Modaha, 2 200	1/-						
l		EXPRESS MAIL NO:	EV 425039003 US	DATE OF	DEPOSIT: October 7,200	7						
ē												
i												

U.S. APPLICAT	TON NO CIETANO	多等0933	INTERNATIONAL APPLICATION NO. PCT US03/08525		ATTORNE Y'S DOCKET NUMBER PU020105						
24. The	following fees are s	CALCULATIONS PTO USE ONLY									
BASIC NATIO Neith intern and Ir Intern USPT Intern but in Intern but al Intern and a	NAL FEE (37 CFR ter international prelimational search fee (3 ternational Search fee (3 ternational preliminary) for but International national preliminary ternational search feational preliminary il claims did not satistational preliminary il claims satisfied preliminary il claims sat	950.00									
	30.00 for furnishing priority date (37 CF)										
earliest claimed priority date (37 CFR 1.492 (e)).											
CL	AIMS	NUMBER FILED	NUMBER EXTRA	RATE							
Total claims		20- 20 =	0	X \$18.00							
Independent cla	nims	3-3=	0	X \$88.00							
Multiple Depen	dent Claims (check	ONS =	050.00								
Applicant clai	950.00										
	Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.										
Description for at	£ £130 00 for 6, mid	ing the English translation late	SUBTOT.	AL =	950.00						
	date (37 CFR 1.492										
		TOTAL	NATIONAL FEE =		950.00						
	g the enclosed assign r sheet (37 CFR 3.2	40.00									
		TOTAL FEES E	ENCLOSED =		990.00						
					Amount to be:refunded						
		charged_	990.00								
a. □ b. ⊠	a. ☐ A check in the amount of to cover the above fees is enclosed.										
		Deposit Account No. of this sheet is enclosed.	07-0832 in the amou	unt of	to cover the above	fees.					
The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 07-0832 A duplicate copy of this sheet is enclosed.											
d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.											
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive 67 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status. SEND ALL CORRESPONDENCE TO: Mr. Joseph S. Tripoli Thomson Licensing Inc. Patent Department P.O. Box 5312 Princeton, NJ 08543-5312 Princeton, NJ 08543-5312 DATE											